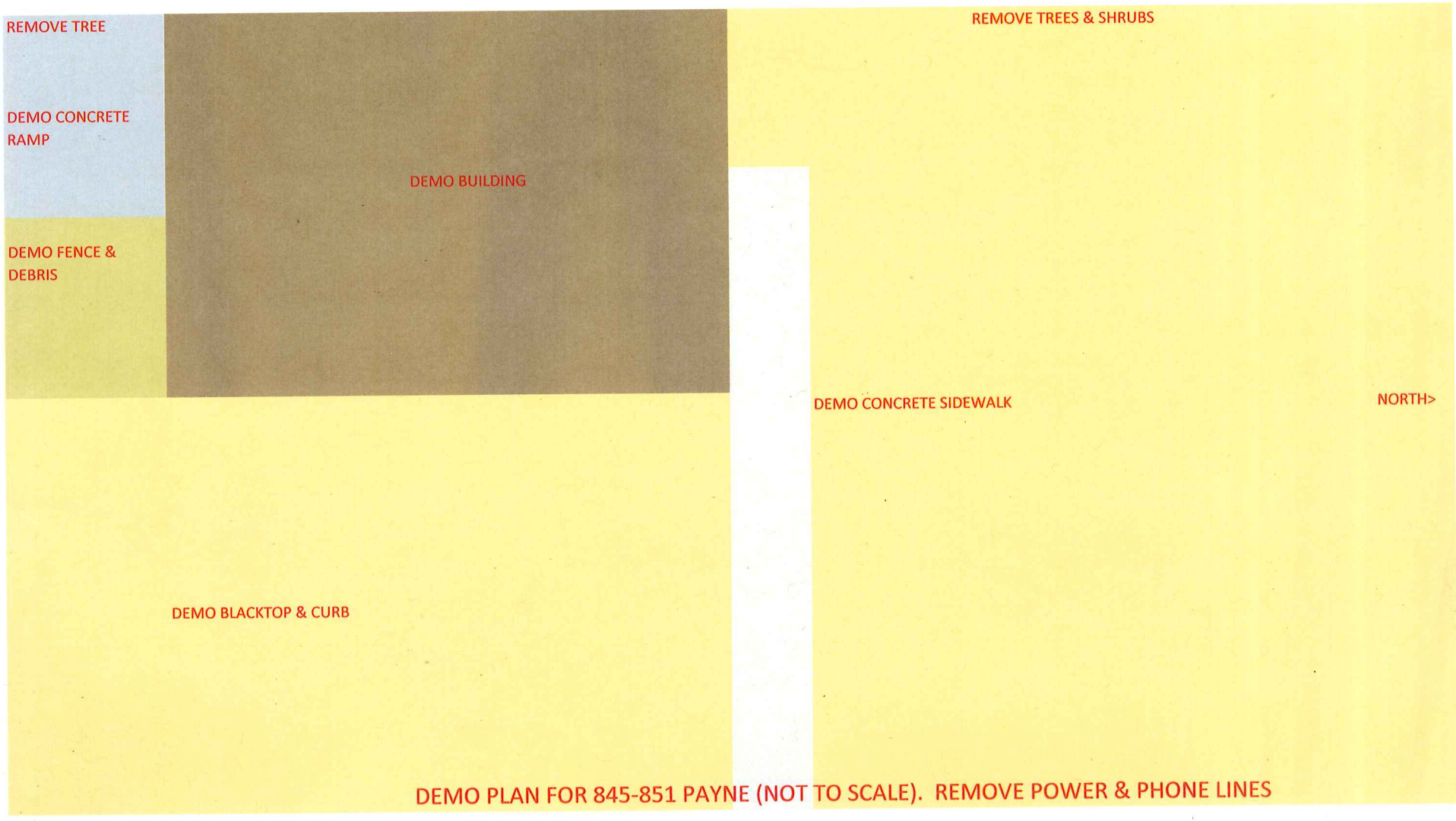

DEMO PLAN FOR 845-851 PAYNE (NOT TO SCALE). REMOVE POWER & PHONE LINES

HAZARDOUS MATERIALS SURVEY
845/851 Payne Avenue
St. Paul, Minnesota

Prepared for:

City of St. Paul
Department of Planning and Economic Development
1100 City Hall Annex
25 West 4th Street
St. Paul, Minnesota 55102-1623

Submitted by:

Terese W. Miller

Terese W. Miller
Principal Consultant, CEO

St. Croix Environmental Inc.
Environmental Management Consulting

St. Croix Environmental, Inc.
June 12, 2014

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1.0 Executive Summary

St. Croix Environmental, Inc. hired Parks Environmental Consulting, Inc. (Parks) to conduct an inspection and sampling for asbestos-containing materials (ACM), lead paint, and hazardous/special waste materials in a vacant commercial building located at 845/851 Payne Avenue, St. Paul, Minnesota (former Accurate Electric site).

Mr. Tim Marxhausen of Parks conducted the asbestos, lead and hazardous/special waste materials inspection, audit and sampling at the site on June 3, 2014. Accessible interior and exterior building materials were surveyed, suspect asbestos materials were sampled in general accordance with EPA-AHERA sampling rules, samples were analyzed for asbestos content, and this report was then prepared.

Asbestos Materials

The following materials associated with the Building were found to contain asbestos:

TABLE 1 – Summary of Asbestos Containing Building Materials

Sample Number	Description	Location	Friable	Approx. Amount
CF-01A, B, C	Roof Cap Flashing. Black tar paper and tar.	Roof Parapet Edges. Top surface under clay tiles.	No	200 SF
FC-01A, B	Fence Coating (gray)	Surface of Corrugated Metal Fence on south side of building	Yes	400 SF
FT-01A, B	9" Vinyl Floor Tile (beige/tan)	Toilet Room off of furnace room.	No	20 SF
RC-01B	Roofing Cement (gray/black)	Roof - tar coating on top of Chimney	No	2 SF
RF-01B	Roof Flashing Paper	Roof Edges	No	200-300 SF

SF = Square Feet

Eleven types of suspect asbestos materials were sampled and tested. Of these materials, only the above listed materials were found to contain asbestos.

Lead Paint Sampling

Eight types/colors of interior and exterior paint were sampled for analysis of lead content. The intent was not to evaluate every paint type, but paints observed to be loose, peeling or flaking.

Three of the paint samples resulted in lead concentrations above the US Housing and Urban Development (HUD) definition of "lead based paint". Paint sampling data is presented below in Section 4.

Hazardous / Special Wastes

As the building may be demolished in the near future, it was also audited for hazardous or special waste materials and items that should be segregated from the demolition debris waste stream. These materials and items are listed in Section 4.0 of this report. **The major items and materials noted were Hydraulic Floor Lifts, Fluorescent Light Bulbs, Presumed PCB Light Fixture Ballasts, Window Air Conditioning Units, Tires, and Small Electronic Devices such as Motion Detectors, and Thermostats.**

Details of the site inspection and sampling are provided in the following sections. A table listing each sampled suspect asbestos homogeneous material, its location and analytical result is located in Section 4.0 of this report, as is a table special waste materials. The laboratory reports are included in Appendix A.

2.0 Background

SCE requested that Parks assist with the evaluation of building materials suspected to contain asbestos, lead paint, and hazardous/special waste materials in the building located at 845 Payne Avenue, St. Paul, Minnesota.

The subject building is a single story vacant former vehicle repair garage approximately 2,500 square feet in size. The building was most recently used as an electric motor repair and supply shop. The building is slab on grade with brick wall construction, metal roof joists and a wood roof deck. Interior finish materials consisted of a plaster ceilings and painted concrete or brick walls. The roof was large sheet roofing paper over foam insulating board with tar sealant, roof flashing paper sheets with tar sealant, and cap flashing paper under clay tiles on the horizontal surface of the roof parapet edge.

Parks inspected the building for suspect asbestos materials, sampled such materials, facilitated sample analysis by an outside laboratory, compiled the data, and prepared this report.

As the building may be demolished in the near future, Parks approached the project work as pre-demolition asbestos and hazardous materials survey and attempted to access, view and sample suspect asbestos materials. Parks also reviewed the site for hazardous and special waste materials.

On June 3, 2014, Tim Marxhausen, Minnesota Department of Health (MDH) Certified Asbestos Inspector #AS-2271, inspected the building for suspect ACM and audited the areas for hazardous/special waste materials. Parks collected 25 building material samples for asbestos analysis. The samples were analyzed at Schneider Laboratories in Richmond, Virginia.

Asbestos Material Sampling

The following types of building materials were considered, for the purposes of this survey, suspect ACM, and thus sampled:

- Chimney Mortar Patch
- Acoustical Ceiling Tile
- Drywall with Joint Compound
- Roof Field and Flashing Materials
- Roofing Cement

- Ceiling Plaster
- Refractory Brick in Boiler
- Fence Coating

Lead Paint Sampling

Eight samples of paint were collected and analyzed for lead content. Three of the paint samples were found to be a U.S. Housing and Urban Development (HUD) Agency lead-based paint (greater than 0.5% lead by weight). The other five samples were found to have lead content below 0.5%.

The US-OSHA Lead in Construction Standard applies if lead is found to be present at any level in paint.

Lead paint sampling information is summarized in Table 4, below. The Lead lab report is included in Appendix A

3.0 Methods

Material samples were analyzed for asbestos content by Polarized Light Microscopy, EPA Method 600/R-93/116, at Schneider Laboratories, Richmond, Virginia. Schneider's laboratory is accredited for asbestos bulk material analysis under the National Institute of Sciences' National Voluntary Laboratory Accreditation Program (NVLAP). The analytical method's lower detection limit is one-percent asbestos by volume. The method provides a visual estimation of asbestos in the material sample.

Paint samples were analyzed for lead content by Atomic Absorption Spectroscopy, EPA Method 7000B, at Schneider Laboratories, Richmond, Virginia.

The building was inspected for other hazardous or potentially hazardous materials that cannot be included in construction demolition waste or municipal solid waste. The types of hazardous materials and special wastes with approximate amounts are listed in Table 3, below. The intent was not to find and list every single material or item requiring removal and special handling prior to building demolition, but rather to provide a general and approximate list of such materials and items present at the site.

4.0 Data and Findings Summary

The following table summarizes sampled suspect asbestos materials with their locations, and analytical results. Materials other than those listed here, and not sampled, were either: 1) not considered suspect for asbestos content (e.g. fiberglass insulation, concrete, brick, plastic); or, 2) inaccessible, such as materials in confined spaces or inaccessible areas. If suspect asbestos containing materials other than those listed and sampled below are discovered at the site, they should be considered asbestos containing until testing proves otherwise.

TABLE 2 – Identified and Sampled Suspect ACM 845 Payne Avenue			
Sample Number	**Material Description**	**Location**	**Results**
CF-01A, B, C	Cap Flashing Material. Black Tar Paper and Tar	Under Clay Tiles along Roof Edge Parapet.	**Asbestos** 10% Chy
CM-01	Chimney Mortar Patch (gray)	Furnace Room - Chimney where metal flues enter.	Non-Asbestos
CT-01A, B	2'x 4' Acoustical Ceiling Tile – Fissure and Pinhole Pattern.	Front Entry / Customer Service Area.	Non-Asbestos
FC-01A, B	Fence Coating (gray).	Surface of Corrugated Metal Fence on south side of building.	**Asbestos** 15-20% Chy
FT-01A, B	9" Vinyl Floor Tile (beige/tan) with Brown Adhesive.	Toilet Room off of furnace room.	**Asbestos** Tile - 2% Chy Adhesive- ND
JC-01A, B	Sheetrock Joint Compound	Ceiling Patches	Non-Asbestos
PL-01A, B, C	Ceiling and Wall Plaster	Throughout	Non-Asbestos
RB-01 A, B	Refractory Brick	Inside Boiler	Non-Asbestos
RC-01A, B	Roofing Cement (gray/black)	Roor – Skylight sides, Chimney base and top.	Asbestos 8% Chy
RF-01A, B, C	Roof Edges Flashing Material. Black Tar Paper and Tar	Roof Edge	**Asbestos** Tar – 10% Chy Tar Paper – ND
RFM-01A, B, C	Roof Field Material. Gray Roof Felt Panels	Roof Field	Non-Asbestos

Chy = Chrysotile Asbestos ND = None Detected

The following Hazardous or Special Waste Materials were observed:

TABLE 3 – Hazardous / Special Waste Materials	
Description	**Quantity***
Fluorescent bulbs – three feet long	80
Light Fixture Electrical Ballasts (Presumed PCB)	15
Incandescent Light Bulbs	8
High Energy Discharge (HID) bulbs	1
Thermostats	2
Miscellaneous office equipment	10
Motion Detectors	4
Hydraulic Floor Lifts	2
Small Electric Motors (including fans)	10-15
Water Heater	1
Furnace and Air Handler	1
Window Air Conditioning Units	4
Ceiling Mounted natural gas Heater	1
Photocopy Machine	1
Tires	10
Municipal Solid Waste (trash, garbage, furniture)	Throughout
Automotive Oil and Grease Dispenser	One (ceiling mounted)
5-10 Gallon Propane Tanks	3
5-gallon Pails (unlabeled)	6
Auto Gas Tank	1

- Quantities are approximations.

The hazardous materials listed above (and any like chemicals and materials) should be removed from the buildings prior to demolition. The materials should be properly packaged and disposed, or recycled. Refrigerants should be properly recovered and recycled/disposed. Municipal Solid Waste (MSW) items like furniture and kitchen supplies should be disposed as MSW and not construction debris

Electrical ballasts were examined in two light fixtures. The ballast labels did not indicate "no PCB" so it is presumed the electrical ballasts in the building are PCB containing. Other ballasts should be checked prior to disposal.

TABLE 4 – Lead Paint Sampling and Analysis			
Sample Number	**Description**	**Location**	**Results (% Lead Content)***
P1	Gray Interior Wall Paint	Office Restroom	0.293
P2	Off White Interior Paint	On sheet metal ducts in Shop	0.149

P3	Tan/beige interior paint	Lower 4' of shop exterior walls	0.225
P4	Brown/off-white interior Wall Paint	South garage door	0.120
P5	Brown/beige interior Wall Paint	NE garage door	**2.997**
P6	Dark Brown Exterior Paint	East (front) and South Sides (doors and trim)	**1.140**
P7	Exterior Paint (brown)	SE Corner on wood fence	**0.513**
P8	Exterior Paint (brown)	North exterior wall	0.062

*U.S. HUD defines lead-based paint as paint containing greater than 0.5% lead.
*The Consumer Products Safety Commission considers paint "lead-free" if the lead content is <0.009%.
*The requirements of the OSHA Lead in Construction Standard, 29 CFR 1926.62, are invoked if any lead is present in the sample.

5.0 Recommendations

Asbestos:

The Asbestos Fence Coating is a friable material and should be removed by an asbestos abatement contractor prior to demolition. This material should be disposed in an asbestos material landfill.

The Asbestos Vinyl Floor Tiles will most likely become friable during building demolition and should be removed by an asbestos abatement contractor prior to demolition.

The Asbestos Roof Flashings, Papers, Sealants and Mastics should be removed and segregated from the general demolition debris by an asbestos abatement contractor or asbestos-trained roofing workers, per EPA and OSHA Asbestos in Roofing Materials Rules and Regulations.

Lead Paint:

The Minnesota Pollution Control Agency requires that loose, peeling "lead based paint" be gathered and removed, or stabilized, prior to building demolition. The paint types in samples P5, P6, and P7 was noted as flaking/peeling paint and found to be "lead-based paint".

Contractors and persons working on the building demolition should be aware that there are paints that contain lead and may present a lead hazard if inhaled or ingested.

Special Waste Materials:

It is advisable to remove and segregate the items and materials identified as special waste. These materials should not be included with the general demolition debris. Construction debris is typically limited to concrete, wood (except green-treated wood), metal, plaster and drywall. Construction debris landfills often will not accept plastics, treated wood, fabrics, carpet, light bulbs, electronic devices and motors.

6.0 Inspection and Sampling Limitations

It is possible that some suspect asbestos, or asbestos containing, materials and hazardous materials were not identified during the course of the inspection at this site. Building materials known to possibly contain asbestos that were not sampled as part of this survey should be assumed to be asbestos containing until proven otherwise.

Quantities of asbestos and hazardous/special waste materials given in this report are approximations and not intended for abatement or disposal bidding or budgeting purposes; users should field-verify all materials.

Material samples were analyzed by an independent outside laboratory; the results of their analyses are presented herein. While we choose an established, reputable and certified lab to perform the sample analysis, Parks does not warrant the accuracy of the laboratory results.

The information contained in this report represents Parks' best efforts to determine the presence of asbestos containing and other hazardous materials at the site given the site conditions.

Parks Environmental Consulting, Inc.

Tim Marxhausen
Project Manager
MDH Certified Asbestos Inspector #AI2271

June 17, 2014
Date

APPENDIX A

ASBESTOS AND LEAD LABORATORY REPORTS

SCHNEIDER LABORATORIES GLOBAL

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117

804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475

Over 25 Years of Excellence in Service and Technology

LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method[1] 600/R-93/116; EPA 600/M4-82-020

ACCOUNT #: 3556-14-64
CUSTOMER: St. Croix Environmental, Inc.
ADDRESS: 1094 Golden Oaks Drive
Hudson, WI 54016
PROJECT NAME: 845 Payne Avenue
JOB LOCATION: St. Paul, MN
PROJECT NO.:
PO NO.:

DATE COLLECTED: 6/3/2014
DATE RECEIVED: 6/5/2014
DATE ANALYZED: 6/5/2014
DATE REPORTED: 6/6/2014

SampleType: BULK

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
CF-01A	32229882			
Layer 1:		Bituminous Material Black, Bituminous/Fibrous	10% CHRYSOTILE	35% CELLULOSE FIBER 55% NON FIBROUS MATERIAL
CF-01B	32229883			
Layer 1:		Bituminous Material Black, Bituminous/Fibrous	10% CHRYSOTILE	30% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
CF-01C	32229884			
Layer 1:		Bituminous Material Black, Bituminous/Fibrous	10% CHRYSOTILE	40% CELLULOSE FIBER 50% NON FIBROUS MATERIAL
CM-01	32229885			
Layer 1:		Ceiling Material White, Granular	None Detected	100% NON FIBROUS MATERIAL
CT-01A	32229886			
Layer 1:		Ceiling Tile Gray, Fibrous	None Detected	40% CELLULOSE FIBER 10% FOAMED GLASS 40% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory. Visit www.slabinc.com for current certifications.

Accrediting bodies: AIHA-LAP, LLC 100527, NVLAP 101150-0, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

Method reporting limit is 1%. PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis.

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
CT-01B	32229887			
Layer 1:		Ceiling Tile Gray, Fibrous	None Detected	40% CELLULOSE FIBER 10% FOAMED GLASS 40% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
FC-01A	32229888			
Layer 1:		Bituminous Material Black, Bituminous/Fibrous	15% CHRYSOTILE	35% CELLULOSE FIBER 50% NON FIBROUS MATERIAL
FC-01B	32229889			
Layer 1:		Bituminous Material Black, Bituminous/Fibrous	20% CHRYSOTILE	40% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
FT-01A	32229890			
Layer 1:		Floor Tile Tan, Organically Bound	2% CHRYSOTILE	90% NON FIBROUS MATERIAL 8% WOLLASTONITE
Layer 2:		Mastic Brown, Brittle	None Detected	96% NON FIBROUS MATERIAL 4% WOLLASTONITE
FT-01B	32229891			
Layer 1:		Floor Tile Tan, Organically Bound	2% CHRYSOTILE	90% NON FIBROUS MATERIAL 8% WOLLASTONITE
Layer 2:		Mastic Brown, Brittle	None Detected	95% NON FIBROUS MATERIAL 5% WOLLASTONITE
JC-01A	32229892			
Layer 1:		Joint Compound White, Granular	None Detected	100% NON FIBROUS MATERIAL
JC-01B	32229893			
Layer 1:		Joint Compound White, Granular	None Detected	100% NON FIBROUS MATERIAL

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory. Visit www.slabinc.com for current certifications.

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
PL-01A	32229894			
Layer 1:		Plaster White, Granular	None Detected	100% NON FIBROUS MATERIAL
PL-01B	32229895			
Layer 1:		Plaster White, Granular	None Detected	100% NON FIBROUS MATERIAL
PL-01C	32229896			
Layer 1:		Plaster White, Granular	None Detected	100% NON FIBROUS MATERIAL
RB-01A	32229897			
Layer 1:		Granular Material Yellow, Granular	None Detected	100% NON FIBROUS MATERIAL
RB-01B	32229898			
Layer 1:		Granular Material Yellow, Granular	None Detected	100% NON FIBROUS MATERIAL
RC-01A	32229899			
Layer 1:		Shingle Black, Bituminous/Granular **Sample was inhomogenous, subsamples of each component were analyzed separately.**	None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
RC-01B	32229900			
Layer 1:		Bituminous Material Black, Bituminous	8% CHRYSOTILE	92% NON FIBROUS MATERIAL
RF-01A	32229901			
Layer 1:		Roof Shingle Black, Bituminous/Granular **Sample was inhomogenous, subsamples of each component were analyzed separately.**	None Detected	6% CELLULOSE FIBER 94% NON FIBROUS MATERIAL

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory. Visit www.slabinc.com for current certifications.

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
RF-01B	32229902			
Layer 1:		Roofing Black, Bituminous/Granular	None Detected	10% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Layer 2:		Roofing Black, Bituminous/Fibrous	10% CHRYSOTILE	25% CELLULOSE FIBER 65% NON FIBROUS MATERIAL
RF-01C	32229903			
Layer 1:		Roofing Black/White, Bituminous/Granular **Sample was inhomogenous, subsamples of each component were analyzed separately.**	None Detected	8% CELLULOSE FIBER 92% NON FIBROUS MATERIAL
RFM-01A	32229904			
Layer 1:		Roofing Material Black, Bituminous/Granular **Sample was inhomogenous, subsamples of each component were analyzed separately.**	None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2:		Fibrous Material Cream, Fibrous	None Detected	96% CELLULOSE FIBER 4% NON FIBROUS MATERIAL
RFM-01B	32229905			
Layer 1:		Roofing Material Black, Bituminous/Granular **Sample was inhomogenous, subsamples of each component were analyzed separately.**	None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2:		Fibrous Material Cream, Fibrous	None Detected	98% CELLULOSE FIBER 2% NON FIBROUS MATERIAL
RFM-01C	32229906			
Layer 1:		Roofing Material Black, Bituminous/Granular **Sample was inhomogenous, subsamples of each component were analyzed separately.**	None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2:		Fibrous Material Cream, Fibrous	None Detected	96% CELLULOSE FIBER 4% NON FIBROUS MATERIAL

Reel Hashim

Analyst: **Reel Hashim** **Reviewed By:** **Hind Eldanaf, Microscopy Supervisor**

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory. Visit www.slabinc.com for current certifications.

ST. CROIX ENVIRONMENTAL
Golden Oaks Drive, Hudson, WI 55 Telephone: (715) 381-5701

ASBESTOS BULK SAMPLE REQUEST FORM

LABORATORY: SCHNEIDER LABORATORIES, INC.	2512 West Cary Street, Richmond, VA 23220	800-785-5227	**ST. CROIX ACCT #: 3556**

	Sample Date: 06-03-14
CLIENT NAME & ADDRESS City of St. Paul	**Turnaround Time: 24 Hour** 3556-14-04
	Analysis: PLM Standard
Site: 845 Payne Avenue, St. Paul, MN	**Special Instructions:** ***email results to St. Croix and Parks Environmental***
Sampled by: Tim Marxhausen (MDH AI-2271)	**Project No.**

Sample Number	Sample Number	Sample Number	Sample Number	Sample Number	Sample Number
CF-01A	JC-01A	RF-01B			
CF-01B	JC-01B	RF-01C			
CF-01C	PL-01A	RFM-01A			
CM-01	PL-01B	RFM-01B			
CT-01A	PL-01C	RFM-01C			
CT-01B	RB-01A				
FC-01A	RB-01B				
FC-01B	RC-01A				
FT-01A	RC-01B				
FT-01B	RF-01A				

WorkOrderKey
V : \ 1012 \ 1012792

Sampled & Relinquished by: T Marxhausen USPS	**Received by:**
Date & Time 6-3-14	**Date & Time** 6-5-14 **Sealed Condition Yes / No**

SCHNEIDER LABORATORIES GLOBAL

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LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method
Using Preparation Method EPA 3050B

ACCOUNT #: 3556-14-65
CUSTOMER: St. Croix Environmental, Inc.
ADDRESS: 1094 Golden Oaks Drive
Hudson, WI 54016
PROJECT NAME: 845 Payne Avenue
JOB LOCATION: St. Paul, MN
PROJECT NO.:
PO NO.:

DATE RECEIVED: 6/5/2014
DATE ANALYZED: 6/5/2014
DATE REPORTED: 6/5/2014

Sample Type: PAINT

SLI Sample No.	Customer Sample No.	Collection Date	Sample Description	Sample Wt (mg)	Total Lead (µg)	Lead Conc (% by wt)	Lead Conc PPM
32229917	P1	6/3/2014	Office Restroom Gray	319	934.6	0.293	2,930
32229918	P2	6/3/2014	Metals Ducts in Shop Off-W	327	486.7	0.149	1,488
32229919	P3	6/3/2014	Lwr Shop Ext Walls Tan/Bei	345	776.3	0.225	2,250
32229920	P4	6/3/2014	S Garage Door Brown/Off-	314	375.8	0.120	1,197
32229921	P5	6/3/2014	NE Garage Door Brown/Bei	323	9,615.6	2.977	29,770
32229922	P6	6/3/2014	E Frt&S Side Doors&Trim B	322	3,670.3	1.140	11,399
32229923	P7	6/3/2014	SE Corner Wood Fence Br	318	1,632.9	0.513	5,135
32229924	P8	6/3/2014	N Ext Wall Brown	330	203.4	0.062	616

Analysis Run ID: 53483

Analyst: **MARTI H. BAIRD**
Total Number of Pages in Report: 1
Results relate only to samples as received by the laboratory.

Reviewed By **Mohammed Eltilib, Metals Team Leader**
Visit www.slabinc.com for current certifications.

Accrediting bodies: AIHA-LAP, LLC 100527, NVLAP 101150-0, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

Minimum Reporting Limit: 10.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. All internal QC parameters were met. Unusual sample conditions, if any, are described.

ST. CROIX ENVIRONMENTAL, INC.

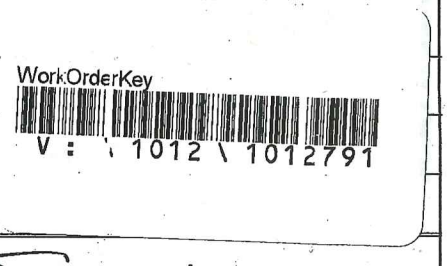
1094 Golden Oaks Drive, Hudson, WI 54016 Phone: 715-381-5701

LEAD PAINT SAMPLE REQUEST FORM

LABORATORY: SCHNEIDER LABORATORIES, INC.	2512 West Cary Street, Richmond, VA 23220	800-785-5227	**SLI ACCT #:** 3556

CLIENT NAME & ADDRESS City of St. Paul Dept of Planning and Economic Development 1200 City Hall Annex St. Paul, MN	**Sample Date: June 3, 2014** **Turnaround Time:** 24 Hour 3556-14-GS **Analysis:** Lead
Site: 845 Payne Avenue, St. Paul, MN	**Special Instructions:** email results to St. Croix and Parks
Sampled by: Tim Marxhausen	**Project No.**

Sample Number	Paint Description	Location
P1	Gray Interior Wall Paint	Office Restroom
P2	Off White Interior Paint	On sheet metal ducts in Shop
P3	Tan/beige interior paint	Lower 4' of shop exterior walls
P4	Brown/off-white interior Wall Paint	South garage door
P5	Brown/beige interior Wall Paint	NE garage door
P6	Dark Brown Exterior Paint	East (front) and South Sides (doors and trim)
P7	Exterior Paint (brown)	SE Corner on wood fence
P8	Exterior Paint (brown)	North exterior wall



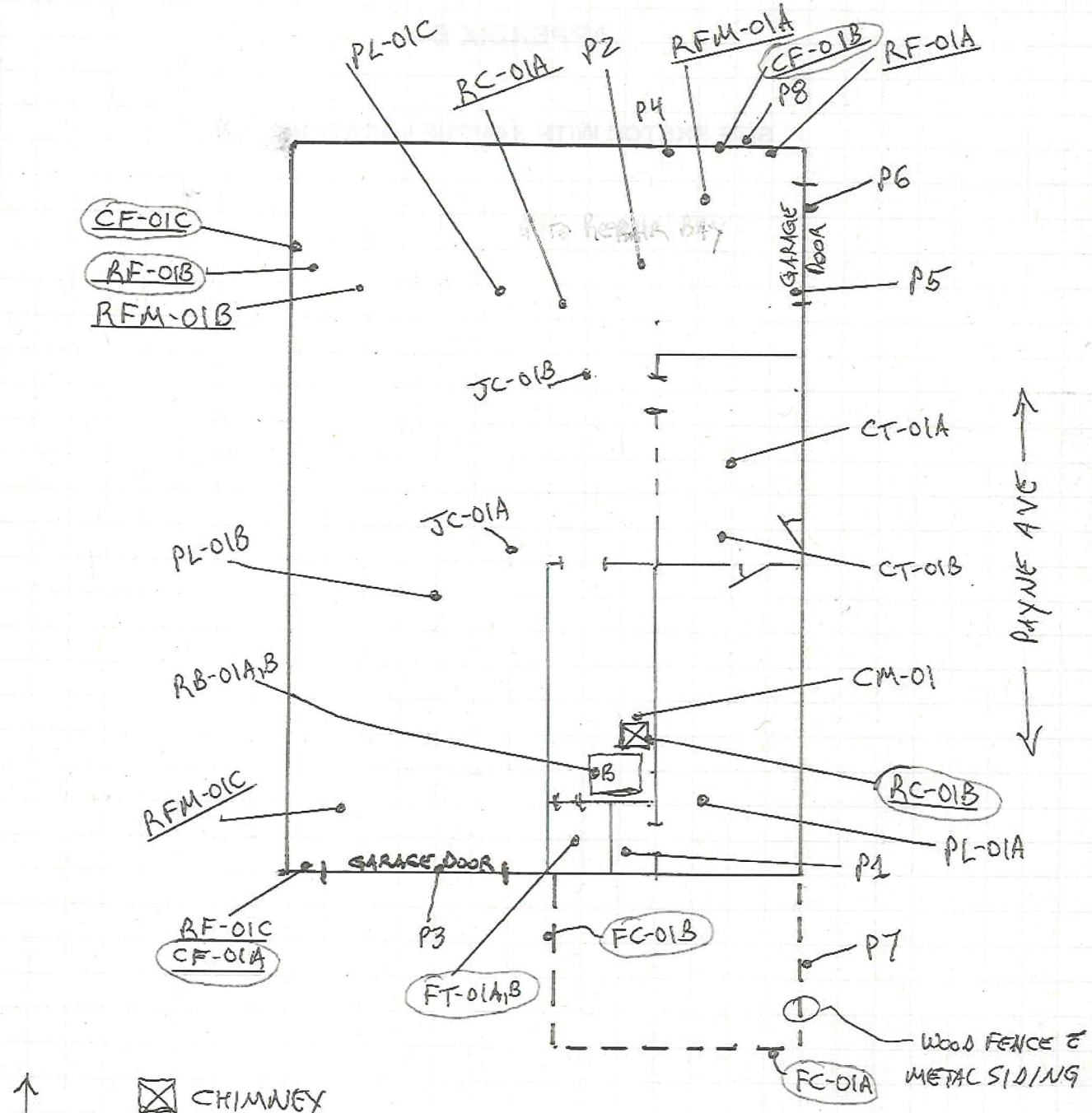
Sampled & Relinquished by: T Marxhausen USPS	**Received by:**
Date & Time 6-3-14	**Date & Time** 6-5-14 **Sealed Condition Yes / No**

APPENDIX B

SITE SKETCH WITH SAMPLE LOCATIONS

PARKS
Environmental Consulting, Inc.
4749 Chicago Avenue S.
Minneapolis, MN 55407

Project No. 9448 Page 1 of 1
Project Name St. Croix Env. / City of St. Paul
City / State: St. Paul, MN Date: 3-Jun-14
Subject Pre-Demo Survey - 845 Payne Avenue



APPENDIX C

INSPECTOR CERTIFICATION CARD

MDH

ASBESTOS INSPECTOR

Certified by:
State of Minnesota
Department of Health

Expires: 04/10/2015

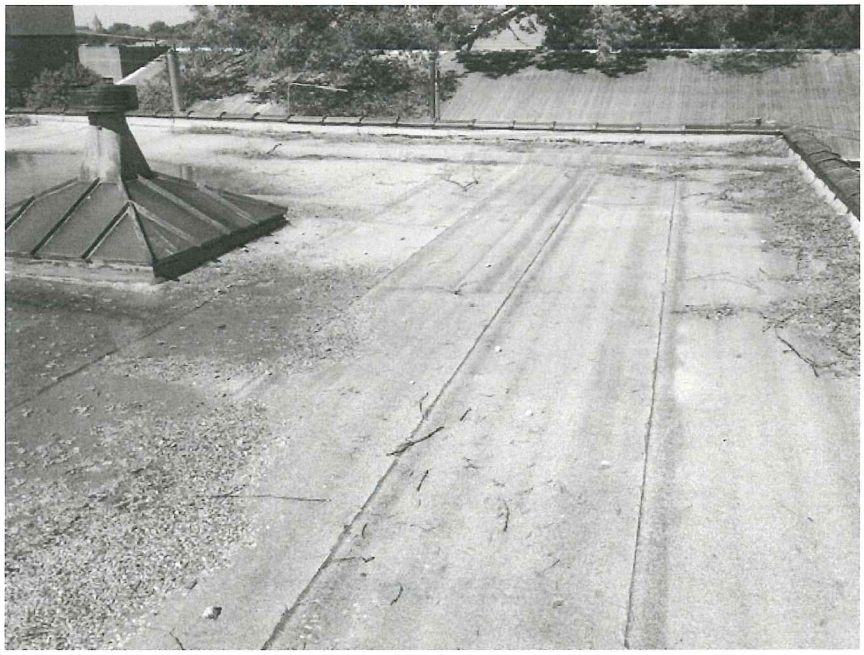
Timothy J Marxhausen
4805 Elliot Ave
Minneapolis, MN 55417

Director, Env. Health Div. No. AI2271 Issued: 04/16/2014

845 Payne Avenue
June 2014

PHOTOGRAPHS

845 Payne Avenue
June 2014



845 Payne Avenue
June 2014